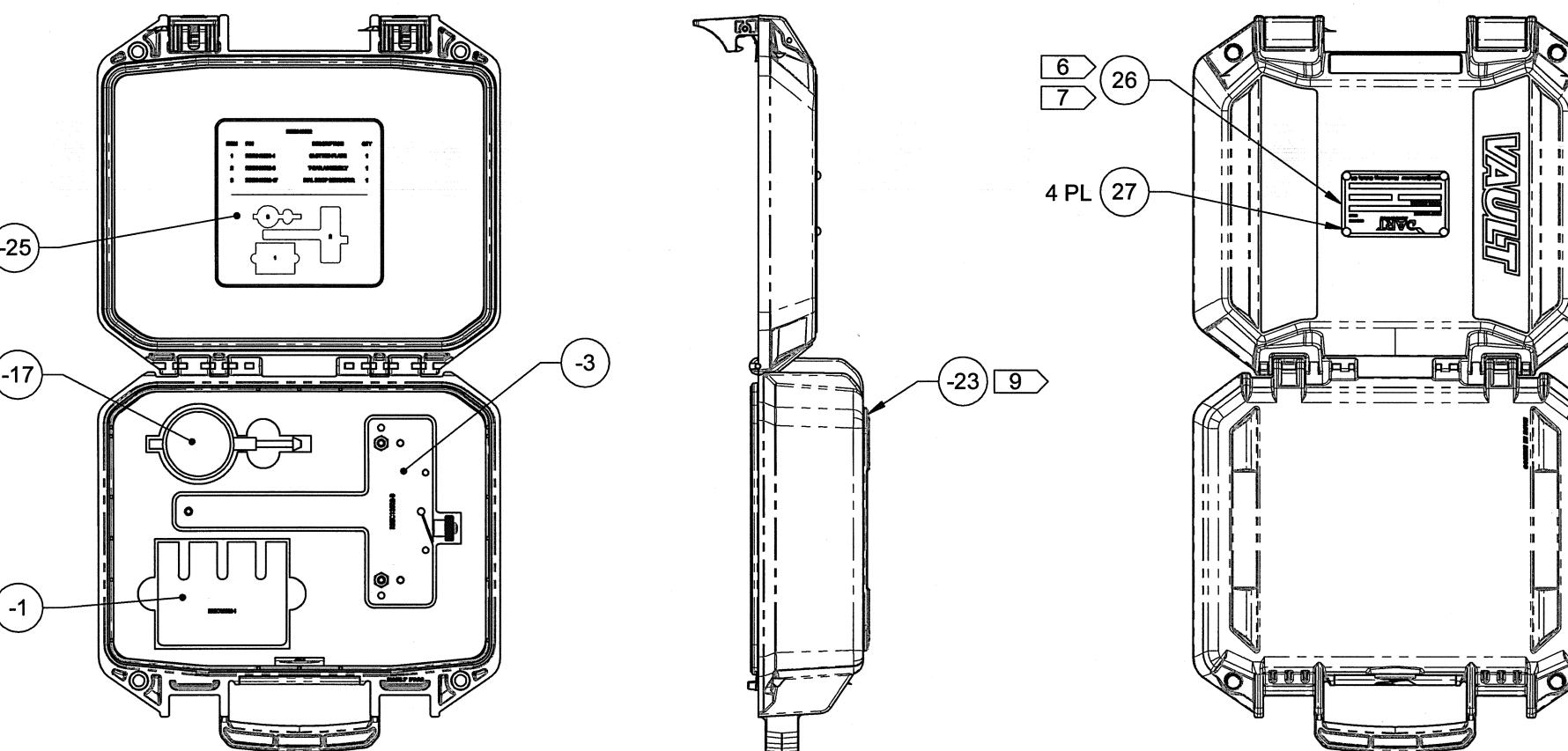


ITEM #	QTY	PART #	PART TITLE
-1	1	RBEC13502-1	SLOTTED PLATE
-3	1	RBEC13502-3	T-BAR ASSEMBLY
-17	1	RBEC13502-17	MSC#06450175 OR EQUIV. DIAL DROP INDICATOR
-23	1	RBEC13502-23	PACKAGING ASSEMBLY
-25	1	RBEC13502-25	CONTENT PLACARD
26	1	RB41011	DART PLACARD
27	4	McMaster#97524A032 OR EQUIV.	ALUMINUM SEALING BLIND RIVETS 1/8" DIA. X 0.425" LG.

D



RBEC13502 EC135 TRIM TAB

NOTES:

1) MATERIAL: N/A

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) IDENTIFICATION: ENGRAVE THE TOOL P/N & S/N ON THE DART PLACARD WHERE INDICATED

7) INSTALL THE DART PLACARD ONTO THE TOP OF THE CASE IN AVAILABLE AREA USING ALUMINUM POP RIVETS

8) HOT GLUE THE PLASTIC PLACARD ONTO THE TOP FOAM

9) HOT GLUE THE TOP AND BOTTOM FOAM INTO THE CASE

10) ITEM -17 MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

A	SEE PREVIOUS PDF REVISION FOR INFORMATION UPDATED DRAWING TEMPLATE ADDED ITEMS -23, -25, 26 & 27 ITEM 28 WAS ITEM -23 ITEM 28 P/N WAS PELICAN #APP-1200-E IS PELICAN#VCV100-0000-BLK-CA -1 DIM WAS 0.318 IS 0.313 -5 DIM WAS Ø0.1969/Ø0.1966 IS Ø0.1968 +0.0000/-0.0008	19-591	MBB
REV.	DESCRIPTION	ECN #	BY
DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A	
MFG. APPR.	DP	TOOL PART #	
APPROVED	WP	RBEC13502	
DATE 2/14/2019		SHEET 1 OF 9	
TITLE		SCALE	
EC135 TRIM TAB		NTS	

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ITEM #	QTY	PART #	PART TITLE
-19	1	RBEC13502-19	BOTTOM TOOL CUSHION
-21	1	RBEC13502-21	TOP TOOL CUSHION
28	1	PELICAN#VCV100-0000-BLK-CA	PELICAN VAULT V100 CASE

D

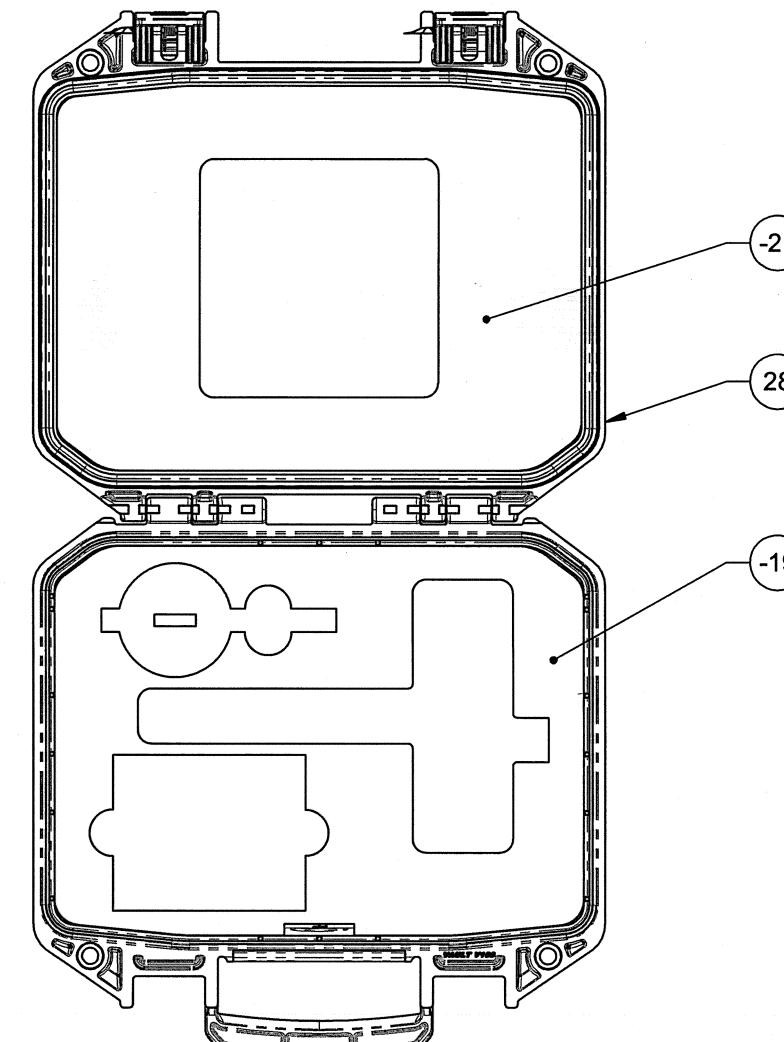
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RBEC13502-23 PACKAGING ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°

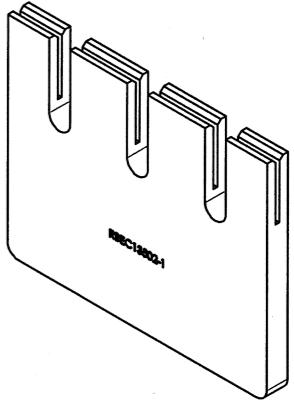
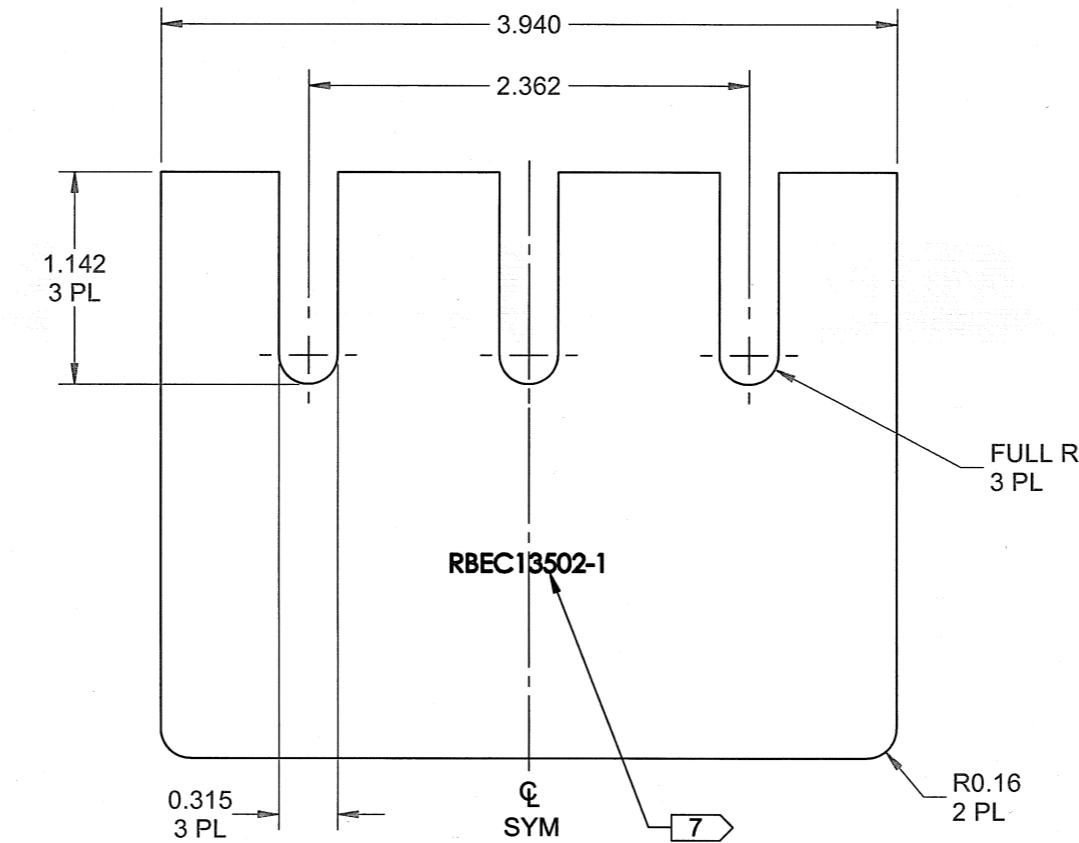
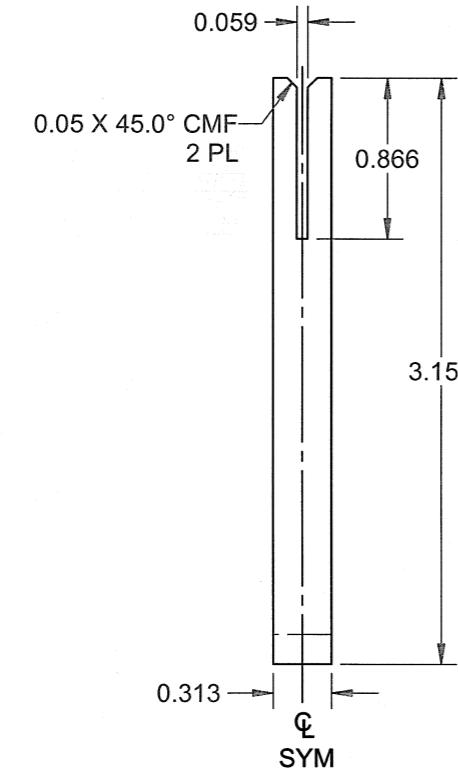
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. A
MFG. APPR.	DP	RBEC13502	SHEET 2 OF 9
APPROVED	WP	TITLE	
		EC135 TRIM TAB	SCALE
			NTS
DATE 2/14/2019		COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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RBEC13502-1 SLOTTED PLATE

8

NOTES:

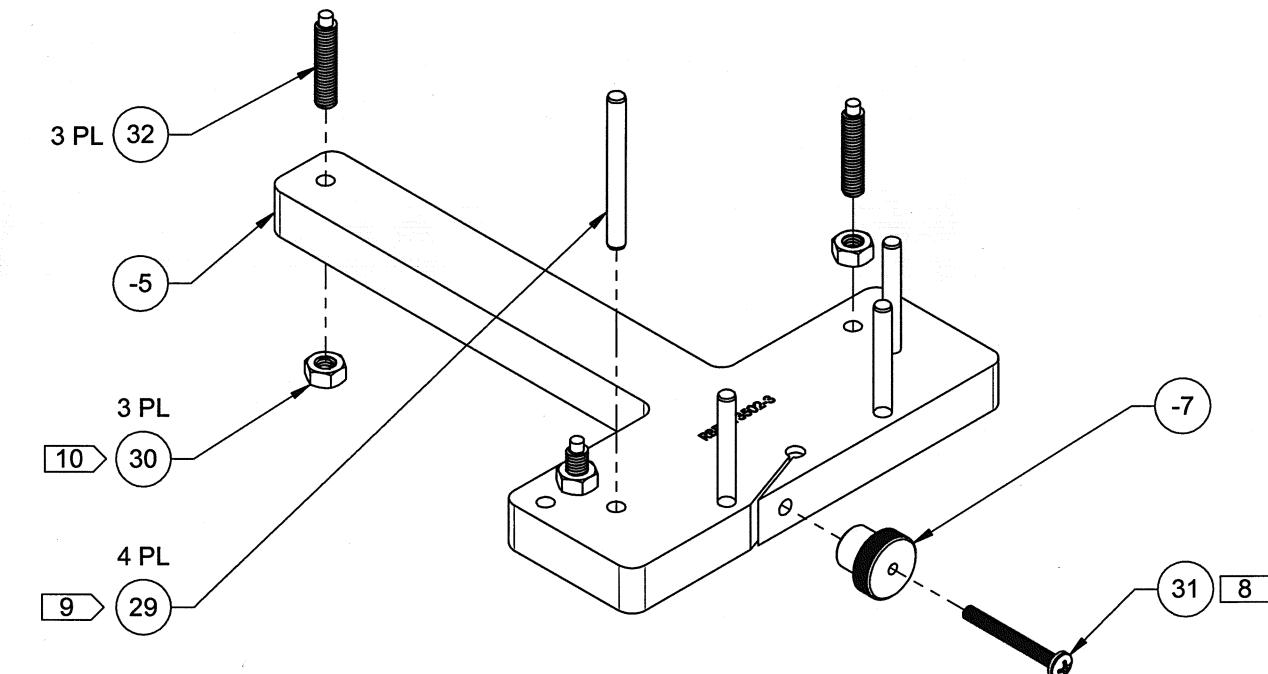
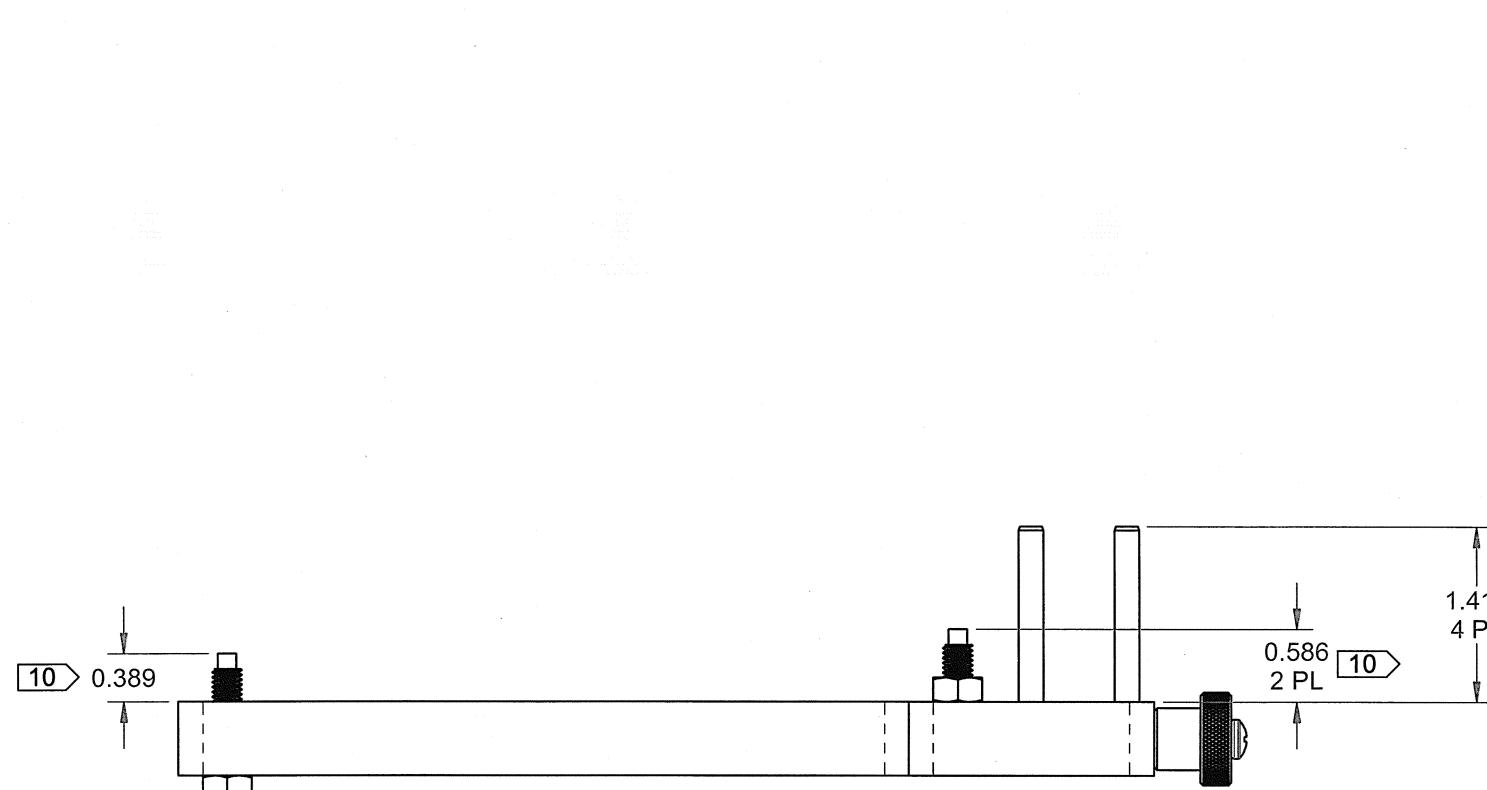
- 1) MATERIAL: 6061-T6 / 7075-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN
- 8) ITEM -1 MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT		
MFG. APPR.	DP	REV. A	
APPROVED	WJ	TOOL PART #	
		RBEC13502	
		TITLE	
		EC135 TRIM TAB	
		DATE 2/14/2019	
		SCALE	
		NTS	

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ITEM #	QTY	PART #	PART TITLE
-5	1	RBEC13502-5	T-BAR
-7	1	RBEC13502-7	KNOB
29	4	McMaster#93600A613 OR EQUIV.	316 STAINLESS STEEL DOWEL PIN Ø5 mm X 50 mm LG.
30	3	McMaster#94150A345 OR EQUIV.	316 STAINLESS STEEL HEX NUT M6 X 1
31	1	McMaster#90116A227 OR EQUIV.	316 STAINLESS STEEL SCREW PAN HEAD M4 X 0.7 X 35 mm LG.
32	3	MSC#57087561 OR EQUIV.	18-8 STAINLESS STEEL DOG POINT SET SCREW M6 X 1.00 X 30 mm LG.



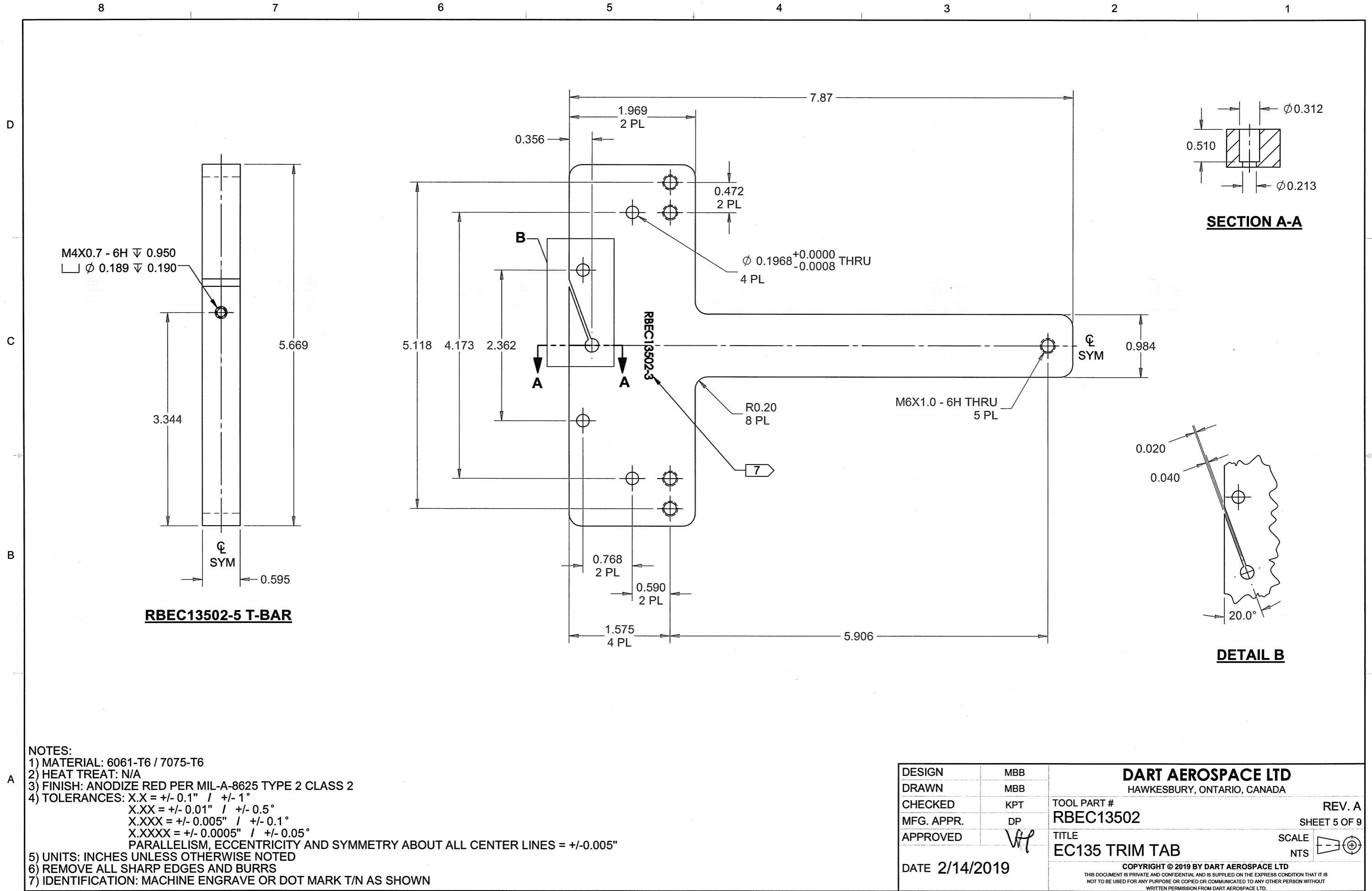
RBEC13502-3 T-BAR ASSEMBLY

11

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 31 THEN ASSEMBLE WITH ITEM -7 AND REMOVE EXCESS
- 9) APPLY LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM 29 WITH ITEM -5 AND REMOVE EXCESS
- 10) INSTALL ITEM 30 HAND TIGHT
- 11) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A	
MFG. APPR.	DP	SHEET 4 OF 9	
APPROVED	VJ	TITLE	
DATE 2/14/2019		EC135 TRIM TAB	
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NOTES:

1) MATERIAL: McMaster#60205K34 OR EQUIV.

2) HEAT TREAT: N/A

3) FINISH: N/A

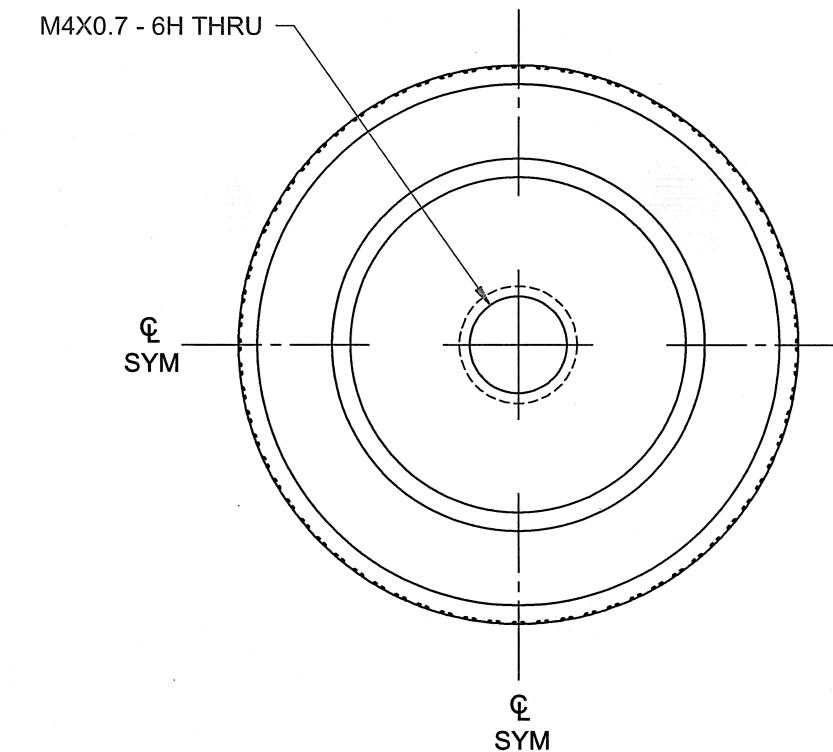
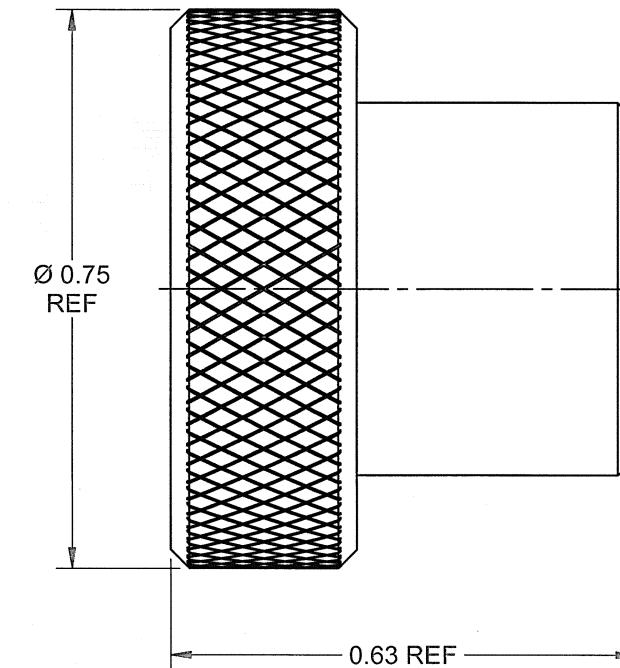
4) TOLERANCES: $X.X = +/- 0.1" / +/- 1^\circ$
 $X.XX = +/- 0.01" / +/- 0.5^\circ$
 $X.XXX = +/- 0.005" / +/- 0.1^\circ$
 $X.XXXX = +/- 0.0005" / +/- 0.05^\circ$

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS

7) IDENTIFICATION: N/A

**RBEC13502-7 KNOB**

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT		
MFG. APPR.	DP		
APPROVED	<i>WJ</i>		
TOOL PART #		RBEC13502	
TITLE		EC135 TRIM TAB	
DATE 2/14/2019		REV. A	SHEET 6 OF 9
SCALE			NTS

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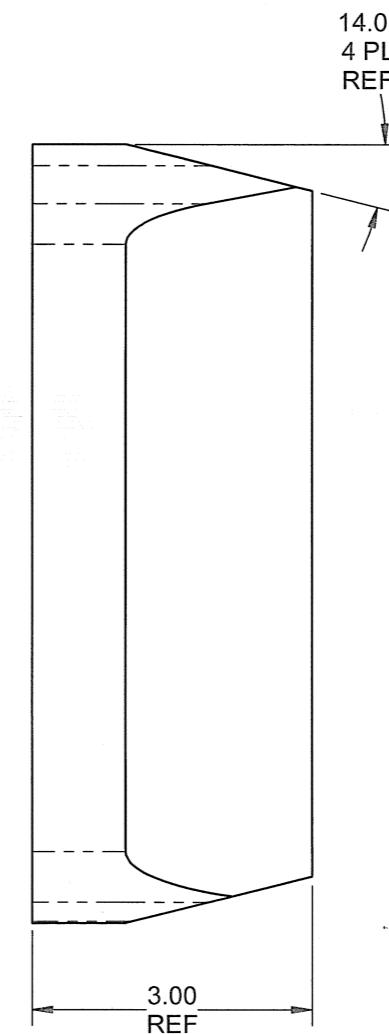
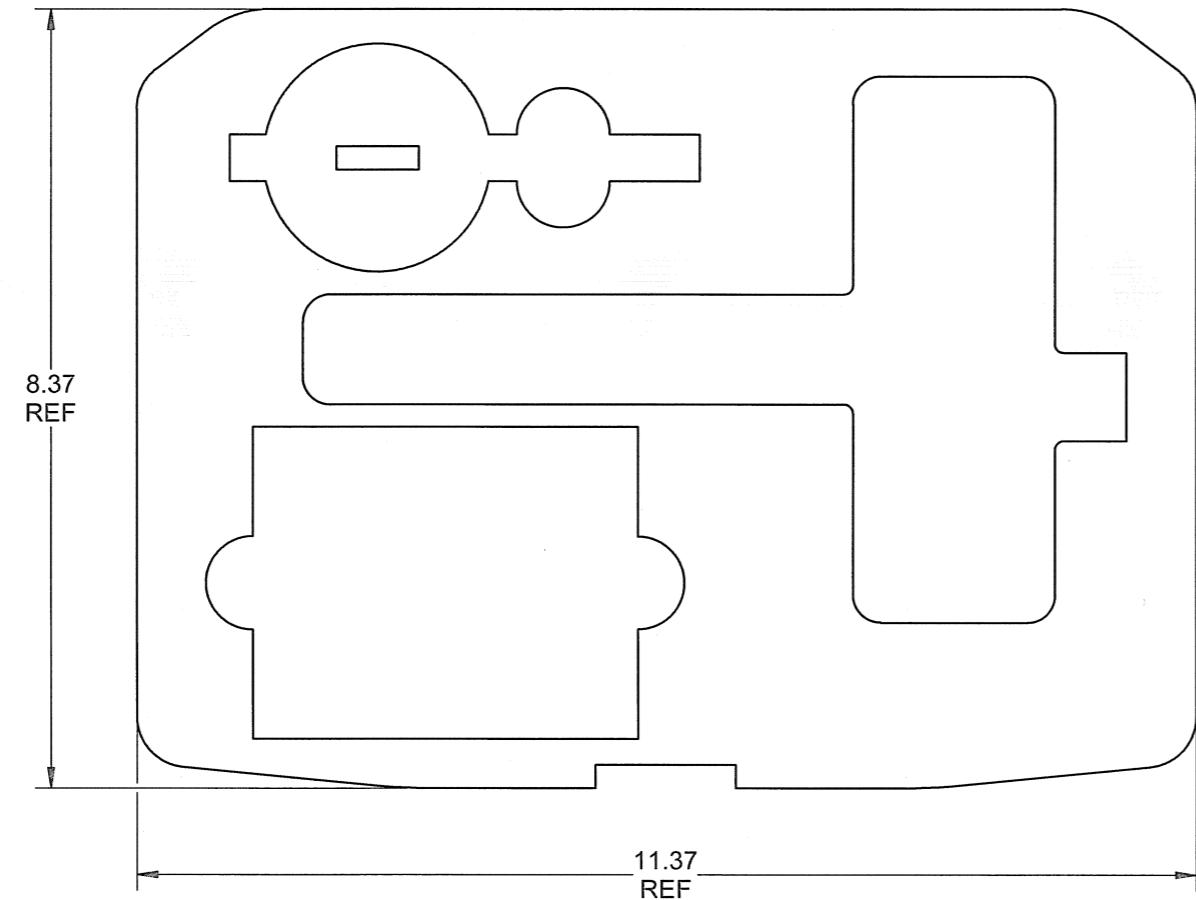
D

C

C

B

B



RBEC13502-19 BOTTOM TOOL CUSHION

7

NOTES:

1) MATERIAL: MADE USING FOAM FROM PELICAN#VCV100-0000-BLK-CA, BLACK ETHAFOAM 220 REF
 2) HEAT TREAT: N/A
 3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED
 6) IDENTIFICATION: N/A
 7) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RBEC13502-19 REV. A.STEP

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A	
MFG. APPR.	DP	TOOL PART #	
APPROVED	VM	RBEC13502	
TITLE		SHEET 7 OF 9	
EC135 TRIM TAB		SCALE	NTS
DATE 2/14/2019		COPRIGHT © 2019 BY DART AEROSPACE LTD	

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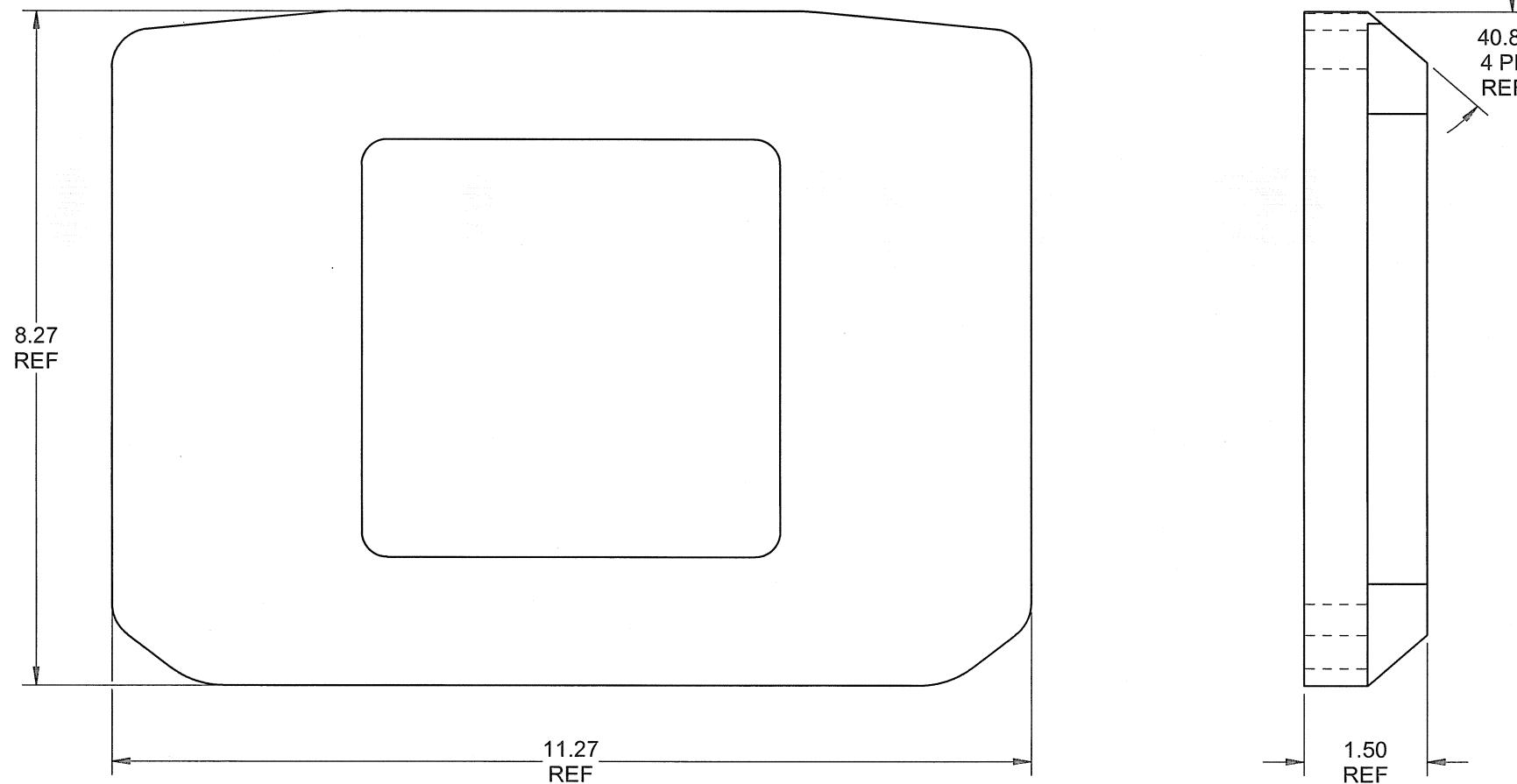
8 7 6 5 4 3 2 1

D D

C C

B B

A A



RBEC13502-21 TOP TOOL CUSHION

7

NOTES:

1) MATERIAL: MADE USING FOAM FROM PELICAN#VCV100-0000-BLK-CA, BLACK ETHAFOAM 220 REF

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

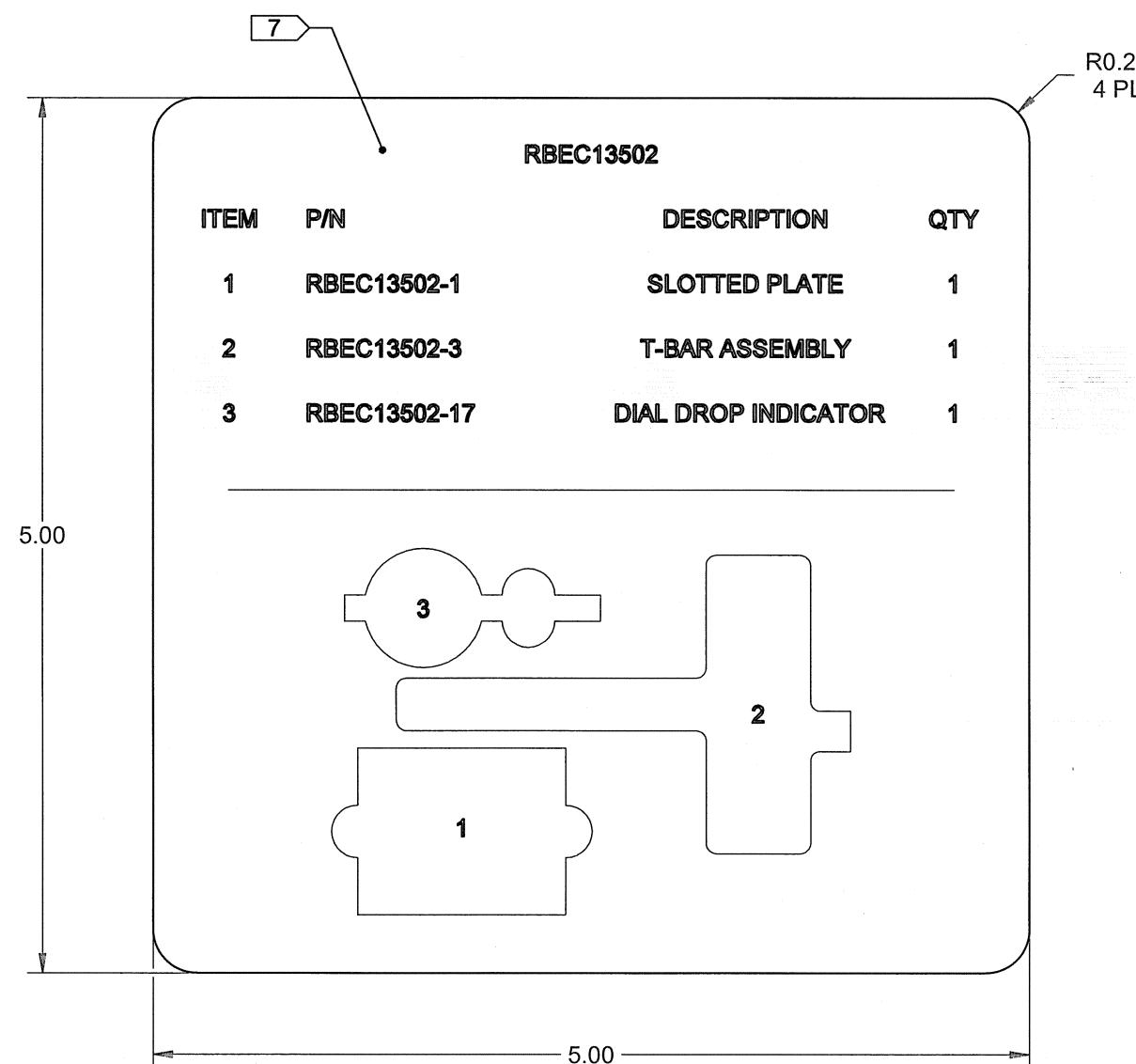
6) IDENTIFICATION: N/A

7) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RBEC13502-21 REV. A.STEP

DESIGN	MBB	DART AEROSPACE LTD
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA
CHECKED	KPT	
MFG. APPR.	DP	REV. A
APPROVED	WJ	SHEET 8 OF 9
DATE 2/14/2019		SCALE NTS
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D

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RBEC13502-25 CONTENT PLACARD

8

NOTES:

- 1) MATERIAL: MULTI-CRAFT PLASTICS # LM922402 OR EQUIV.
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) BLACK BACKGROUND WITH WHITE LETTERS AND LINES
- 8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.050" PER CAD FILE RBEC13502-25 REV. A.DXF

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	
MFG. APPR.	DP	RBEC13502	
APPROVED	WY	REV. A	
TITLE		SHEET 9 OF 9	
EC135 TRIM TAB		SCALE	NTS
DATE 2/14/2019		COPRIGHT © 2019 BY DART AEROSPACE LTD	

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